

Split

Work Order ID 103697-2

\*103697\*

June-24-13 2:12:10 PM

Item ID: D3439-101      Accept      \*N9000040100\*      Setup Start \*NS1\*  
Revision ID:      Stop \*NS2\*  
Item Name: 8" Mirror Assy  
Start Date: 6/24/13      Start Qty: 20.00      \*20\*      Cust Item ID:  
Required Date: 7/05/13      Req'd Qty: 20.00      \*20\*      Customer:  
Reference:

Approvals:      Process Plan: MLJ      Date: 130625      Tooling:      Date:      Run Start \*NR1\*  
QC:      Date:      SPC (Y/N):      Date:      Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3439	Rev B								
100	PURCHASING	0.00							
*100*									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>20330</u>								
	For Grote Mirror P/N: 12183								
	Possible Supplier: UAP/NAPA								
	Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
*110*									
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								
115	QC6- Inspect dimensions to drawing	0.00							
*115*									
QC	Memo	0.00							
Quality Control									

CL 13/06/20 (20)

13/7/13

20

278



# Work Order ID 103697

June-24-13 2:12:10 PM

\*103697\*

Page 2

Item ID: D3439-101 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: 8" Mirror Assy  
 Start Date: 6/24/13 Start Qty: 20.00 \*20\* Cust Item ID:  
 Required Date: 7/05/13 Req'd Qty: 20.00 \*20\* Customer:  
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120	Small Fab	0.00							
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\*120\*

Small Fab

Small Fab

## Memo

- 1- Discard Hardware.
  - 2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg.
  - 3- Plug drain holes with Sikaflex.
- Ensure that mirror adheres to housing.

## Pick:

Qty	Part Number	Description	Batch
A/RN/A	Sikaflex-241/-291		1127110
Sikaflex expiry date 14/01/29			

130	QC5- Inspect part completeness to step on W/O	0.00							
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\*130\*

QC

Quality Control

## Memo

0.00

0.00

DAS  
27  
9-89

13.11.18

10x 13/11/18 DAS 36 9-89

10



100

# Work Order ID 103697

June-24-13 2:12:10 PM

\*103697\*

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Item ID: D3439-101 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: 8" Mirror Assy  
 Start Date: 6/24/13 Start Qty: 20.00 \*20\*  
 Required Date: 7/05/13 Req'd Qty: 20.00 \*20\*  
 Reference: Cust Item ID:  
 Customer:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	Identify as per dwg & Stock Location: _____	0.00				DAS 32 9-89			
*140*	Memo 57-31	0.00						13/11/19	(10)
Packaging									
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
*150*	Memo	0.00						13/11/20	MF
QC									
Quality Control									

13-11-19





# Picklist Print

June-24-13 2:12:09 PM

Page 1

Work Order ID: 103697

Parent Item: D3439-101

Parent Item Name: 8" Mirror Assy

Start Date: 6/24/13

Required Date: 7/05/13

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP A05.07.20New issueKJ/JLM  
ver:ec

IPP Rev:B 10.09.08 per dwg RevB DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
12183 GROTE MIRROR		Purchased	No			120	Each	0.0000	1	20		10/36/97	
D3015-3 Locknut		Manufactured	No			120	Each	234.0000	1	20		13/11/18	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				FG		10							
				95758		8							
				96151		2							
				ST023		224							
				95758		16							
				97511		208							
D3439-3 Stud		Manufactured	No			120	Each	30.0000	1	20		13/11/18	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				GA		29							
				101452		23							
				77048		6							
				ST206		1							
				80231		1							
NAS1149C0563R Washer		Purchased	No			120	Each	407.0000	1	20		13/11/18	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST292		407							
				120422		107							
				m125928		300							

DAS  
36  
9-89

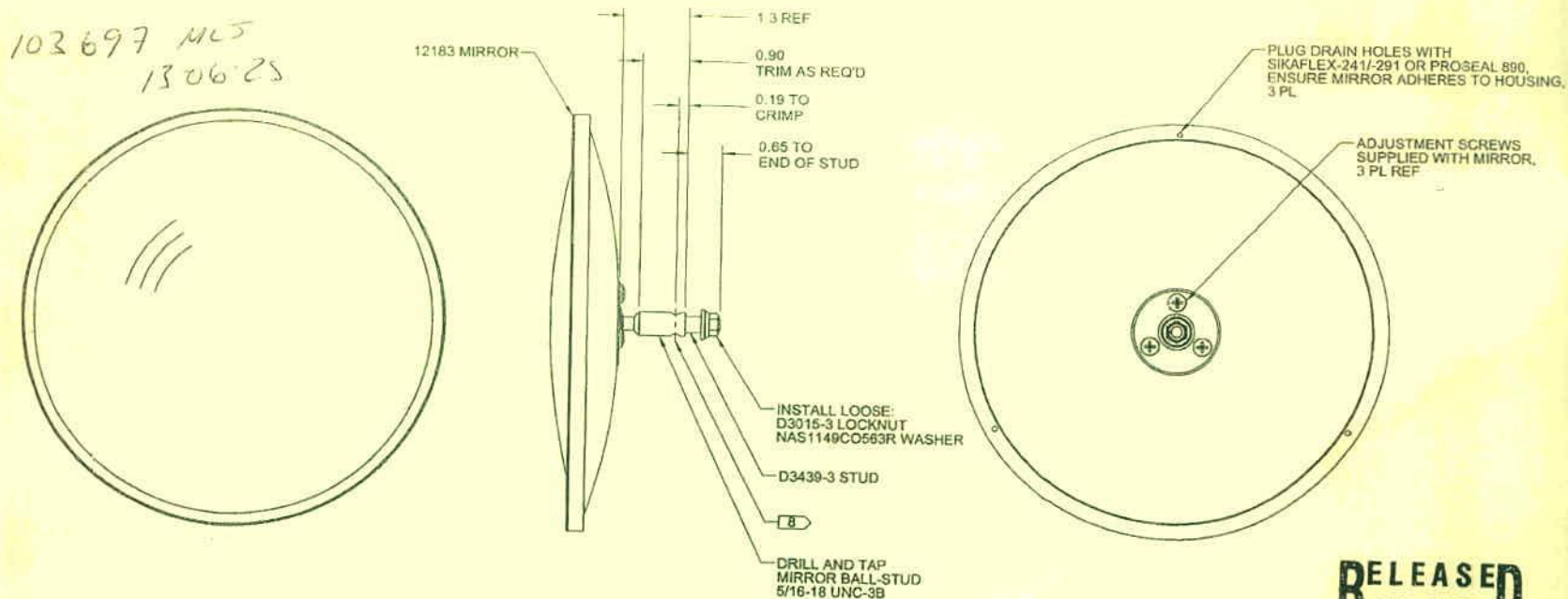
DAS  
36  
9-89

DAS  
36  
9-89





ITEM	QTY	DESCRIPTION
1	1	MIRROR ASSEMBLY, 8"
2	1	MIRROR 8" (GROTE)
3	1	LOCKNUT
4	1	STUD
5	1	WASHER (OR AN960J0518)



### D3439-101 MIRROR ASSEMBLY

#### NOTES:

- 1) MATERIAL: MIRROR= 8" ROUND CONVEX MIRROR W/ STAINLESS STEEL CASE  
CENTER-MOUNT BALL-STUD W/ 1/4-20 X 1" DEEP FEMALE THREAD  
GROTE INDUSTRIES, 2600 LANIER DRIVE, MADISON, INDIANA 47250
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3439-101" USING REMOVEABLE TAG
- 7) WEIGHT: 1.18 lbs
- 8) TO INSTALL D3439-3 STUD:
  - APPLY LOCKTITE 282 TO THREADS BEING INSTALLED INTO MIRROR BALL-STUD
  - THREAD D3439-3 STUD INTO MIRROR BALL-STUD
  - CRIMP MIRROR BALL-STUD ON OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
  - CRIMP TO DEPTH OF 0.015-0.030 USING R0.125

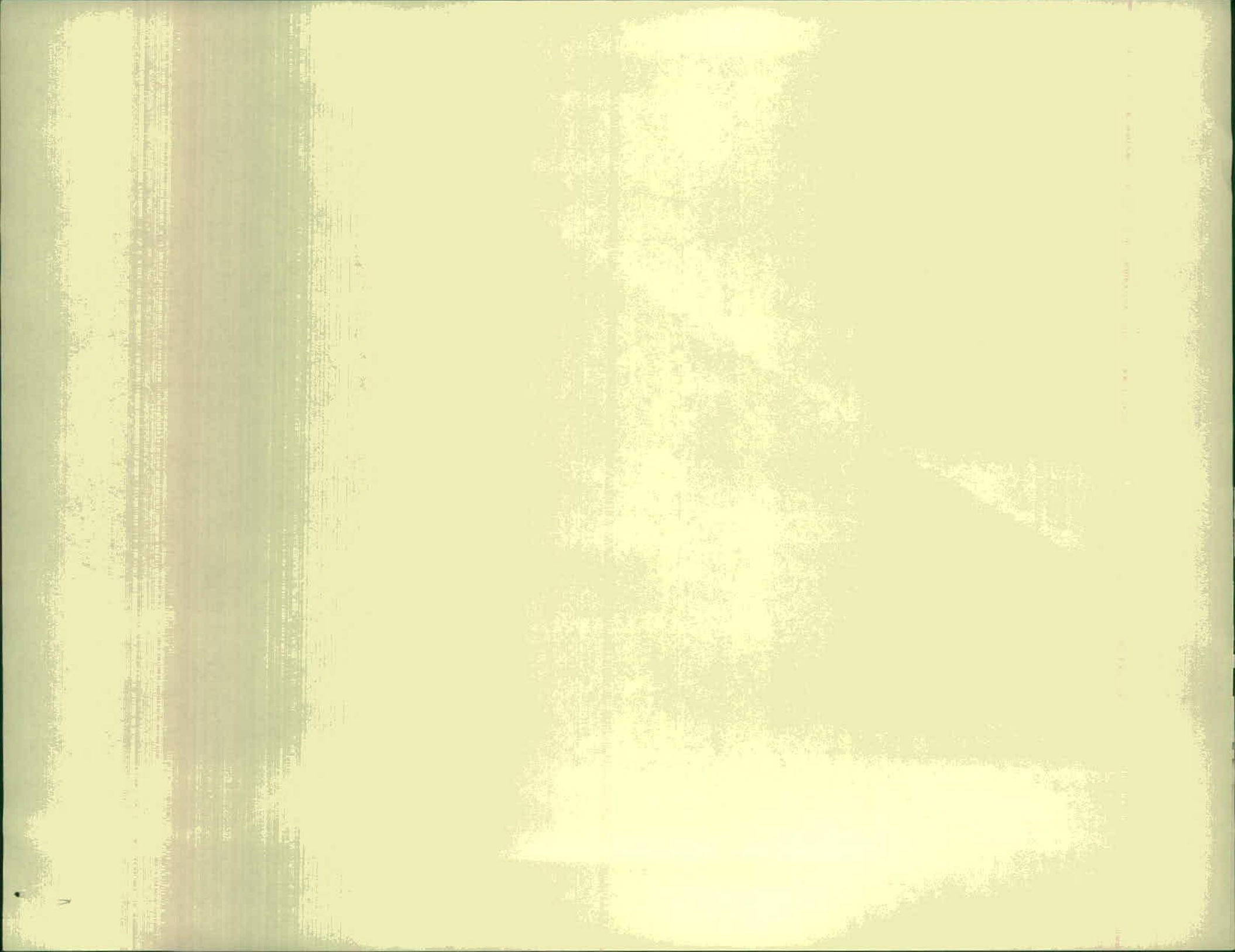
**RELEASED**  
2010-09-07

B	REDRAW, ADD -3 (WAS PURCHASED/TRIMMED BOLT), RMV LPS	CP	10.07.20
A	NEW ISSUE	CP	05.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.07.20		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3439  
REV. B  
SHEET 1 OF 2  
TITLE MIRROR ASSEMBLY  
SCALE NTS

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO20330

Purchase Order Date 6/26/2013

PO Print Date 6/26/2013

Page Number 1 of 1

Order From :

VC-UAP001

Ship To : DART AEROSPACE LTD

UAP HAWKESBURY INC. #074  
514 MAIN STREET WEST  
HAWKESBURY, ON K6A 2J2  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

6/23/2013

Contact Name

Vendor Phone

613 632 8575

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	List Price	Disc %	Discounted Unit Price	Extended Price
1	12183 AS PER DWG D3439 REV. B B103697	GROTE MIRROR	6/28/2013 Yes 6/28/2013		20.00 Each				\$429.80

Line Total: \$429.80

PO Total: \$429.80

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES NO

Change Nbr:

2

Change Date:

6/26/2013







HAWKESBURY AUTO PARTS INC 55806957  
514 MAIN STREET WEST  
HAWKESBURY, ONT. K6A 2J2  
TEL:632-8575 FAX: 632-1539

PERMIT RELATIF AUX MARCHANDISES DANGEREUSES  
DATE D'EXPIRATION:  
EMERGENCY TELEPHONE NUMBER 24 HOURS  
CANUTEC 613-996-6666  
NUMÉRO DE TÉLÉPHONE D'URGENCE 24 HEURES  
CANUTEC 613-996-6666

ACCT # N° COMPTE	SOLD TO / VENDU À	DATE	TIME HEURE	STORE # N° MAGASIN	EMP # N° EMPL	INVOICE NO. N° FACTURE
01601	DART AEROSPACE LTD	6/28/13	09:04	060004074	21	404067
SR #	1270 ABERDEEN STREET	PURCHASE ORDER # N° BON DE COMMANDE				
40	HAWKESBURY, ONTARIO	20330				
AD	K6A 1K7	TAX EXEMPTION: EXEMPTION DE TAXE: 6122-5207				
24		TERMS: NET 30 DAYS CHARGE SALE				
		DELIVERY: LIVRAISON:				

PART NUMBER / N° PIÈCE	LN	DESCRIPTION	QUANTITY QUANTITÉ	PRICE / PRIX	NET	TOTAL
12183 ✓ MTL 3 DAYS	GRD	GROTE MIRROR	20.00		21.490	429.80 T1

*par terre*

*Harvey*

REFUNDED BY \_\_\_\_\_  
VERIFIED BY \_\_\_\_\_

Subtotal 429.80  
Tax 13% ON HARMONIZE 55.87  
Tax 0% 0.00

**SIGNATURE**

ALL GOODS RETURNED MUST BE ACCOMPANIED BY THIS INVOICE  
TOUTE MARCHANDISE RETOURNÉE DOIT ÊTRE ACCOMPAGNÉE DE CETTE FACTURE

TOTAL ----> CHARGE SALE 485.67

